

## CLAIMS

What Is Claimed Is:

1. A method for grounding a dispenser to a local ground comprising the steps  
of:

providing an internal low impedance path from positions internal to  
and on the surface of the dispenser where static electrical charges tend to  
accumulate;

connecting said low impedance path to a metal wall contact spring  
disposed to contact a ground surface when said dispenser is mounted; and

discharging said static electrical charges to a local ground through the  
grounding interface.

2. The method as in claim 1 further comprising the steps of:

connecting a nib roller shaft of a paper towel dispenser to a grounding  
wire.

3. The method as in claim 2 further comprising the step of:

utilizing a spring contact to connect said nib roller shaft to said  
grounding wire, wherein said spring contact connects to said nib roller shaft.

4. An apparatus for grounding a dispenser comprising:  
a dispenser comprising;

a low impedance grounding wire;

a metal contact spring grounding clip;

a spring contact disposed to connect to a location of static electricity  
accumulation in the dispenser ;

said low impedance ground wire being disposed to connect to said  
spring contact and said metal contact spring grounding clip;

said metal contact spring grounding clip being disposed to contact a  
wall;

said metal contact spring grounding clip being disposed to connect  
electrically to a local ground.

00966134-002701  
10/22/04 12:19:00

5. The apparatus as in claim 4 further comprising:

said grounding wire being disposed to connect to a nib roller shaft of a paper towel dispenser.

6. The apparatus as in claim 4 further comprising:

said spring contact being disposed to connect to a nib roller compression spring, wherein said nib roller compression spring is disposed to contact a metal nib roller.

7. A dispenser for a paper web roll, comprising:

a first support adapted to hold a first roll of a paper;

a second support adapted to hold a second roll of a paper;

a third support rigidly connected to first and second support wherein

5 said third support is rotatable about an axis;

a transfer bar wherein paper from said second roll can be fed with paper from the first roll to dispense together;

a detector adapted to trigger the dispensing of paper when a user's hand is positioned within the field of the sensor;

10 a grounding apparatus comprising:

a low impedance grounding wire;

a metal wall-contact spring grounding clip;

a spring contact disposed to connect to a location in a dispenser of static electricity accumulation;

15 said low impedance ground wire disposed to connect to said spring contact and said metal wall contact spring grounding clip;

said metal wall contact spring grounding clip disposed to contact by spring pressure to a wall;

20 said metal wall contact spring grounding clip disposed to connect electrically to a local ground.